

**Part Test Syllabus For VAITS For XI Class-1Yr. (Test Series 2018-19)**

	(Physics)	(Chemistry)	(Maths)
<b>Part Test-1</b> <b>15/07/2018</b> <b>Main</b> <b>(Download)</b>	Unit dimension, Kinematics.	Some basic principle of organic chemistry. IUPAC Nomenclature, degree of unsaturation.	Compound angles.
<b>Part Test-2</b> <b>5/08/2018</b> <b>Main</b> <b>(At Home)</b>	Newton's Law, Friction,	Some basic principle of organic chemistry. IUPAC Nomenclature, degree of unsaturation.	Logarithms, Compound angles, Quadratic Equation, Sequence & Progression.
<b>Part Test-3</b> <b>16/09/2018</b> <b>Main</b> <b>(At Home)</b>	Circular motion. Work Power energy.	Mole concept, Atomic structure, Periodic Table & Periodic Properties.	Trigonometric Equation & In equation, Solution of Triangles.
<b>Part Test-4</b> <b>07/10/2018</b> <b>Advanced</b> <b>(At Centre)</b>	Centre of Mass, Momentum, Collision.	Part 2 Syllabus + Part 3 Syllabus	Part 1 + Part 2+ Part 3 Syllabus
<b>Part Test-5</b> <b>25/11/2018</b> <b>Main</b> <b>(At Centre)</b>	Rotational dynamics.	Chemical Bonding, Some basic principle of organic chemistry (GOC-1), Inductive, Resonance, hyper conjugation & it's applications, Fundamental concept of reaction mech.(GOC-2).	Binomial, Determinant, Permutation & Combination.
<b>Part Test-6</b> <b>23/12/2018</b> <b>Advanced</b> <b>(Download)</b>	Elasticity, Fluids, Thermal Expansion, Calorimetry.	Part 1 + Part 2+ Part 3+Part 4+Part 5 Test Syllabus	Part 1 + Part 2+ Part 3+Part 4+Part 5 Test Syllabus
<b>Part Test-7</b> <b>06/01/2019</b> <b>Advanced</b> <b>(At Centre)</b>	SHM, Heat Transfer. KTG & Thermodynamics.	Redox & Equivalent concept, Chemical & Ionic Equilibrium, Basic Principles & Techniques of Organic Chemistry, Experimental methods for separation of organic compounds, Structural Isomerism, s-Block.	Straight Lines, Circle, Function & ITF.

**Part Test Syllabus For VAITS For XII/XII Passed (Test Series 2018-19)**

	(Physics)	(Chemistry)	(Maths)
<b>Part Test-1</b> <b>15/07/2018</b> <b>Main</b> <b>(Download)</b>	Unit dimension, Kinematics. Newton's Law, Friction. Circular motion. Work Power energy.	Hydrocarbons, Atomic Structure, Mole concept & Redox, Gaseous State, Chemical Kinetics, Radioactivity.	Functions and ITF
<b>Part Test-2</b> <b>29/07/2018</b> <b>Main</b> <b>(At Home)</b>	Centre of Mass, Momentum, Collision. Elasticity, Fluids, Thermal Expansion Calorimetry	Atomic Structure, Mole concept & Redox, Gaseous State, Chemical Kinetics, Radioactivity	Functions and ITF, Limits, Continuity and Differentiability
<b>Part Test-3</b> <b>12/08/2018</b> <b>Main</b> <b>(Centre)</b>	Geometric Optics, Electrostatics	Periodic Table, Periodic Properties, Chemical Bonding (Basic), Hydrogen&itscompound. Alkyl halide, Alcohol, Ether	Application of Derivatives, Indefinite Integration, Definite Integrals and their properties.
<b>Part Test-4</b> <b>16/09/2018</b> <b>Advanced</b> <b>(Download)</b>	Gravitation, Current Electricity, Heat Transfer KTG and Thermodynamics	Part-2 + Part-3+ Carbonyl Compounds	Part-2 + Part-3
<b>Part Test-5</b> <b>30/09/2018</b> <b>Main</b> <b>(At Centre)</b>	Capacitance, Rotation	Chemical Equilibrium, Ionic Equilibrium. Chemical Bonding (Advance), Coordination Compounds, Ores & Metallurgy. Isomerism, GOC (Including Nomenclature), Aromatic Compounds	Area, Differential Equations Trigonometric ratios and identities.
<b>Part Test-6</b> <b>21/10/2018</b> <b>Main</b> <b>(Centre)</b>	Magnetism, SHM	Thermodynamics, Thermochemistry, Electrochemistry, S-block element, Salt Analysis (Qualitative Analysis). Amines	Progression and Series, Quadratic Equations and Expressions, Complex Number
<b>Part Test-7</b> <b>25/11/2018</b> <b>Advanced</b> <b>(At Centre)</b>	EMI & AC, Waves	Periodic Table, Periodic Properties, Chemical Bonding (Basic), Hydrogen&itscompound. Chemical Bonding (Advance), Coordination Compounds, Ores & Metallurgy-block element, Salt Analysis (Qualitative Analysis)  Atomic Structure, Mole concept & Redox, Gaseous State, Chemical Kinetics, Radioactivity. Chemical Equilibrium, Ionic Equilibrium, Thermo dynamics, Thermochemistry, Electrochemistry  Isomerism, GOC (Including Nomenclature), Aromatic Compounds. Carbonyl Compound, Amines.	Trigonometric equations, Solution of triangles, Circles, Parabola, Hyperbola, Ellipse

<b>Part Test-8</b> <b>2/12/2018</b> <b>Main</b> <b>(Home)</b>	Modern Physics & Error Analysis	Surface chemistry, Liquid solution, Solid state. P-Block (Boron and Carbon Family, Nitrogen, Oxygen, Halogen family, Noble Gases) d-Block Elements. Practical Organic Chemistry, Biomolecules, Polymer.	Binomial Theorem, Matrices Determinants, Permutation & Combination, Probability, Vector, Three Dimensional Geometry.
--	---------------------------------	---	--